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SPECIAL DATA COLLECTION SYSTEM EVENT REPORT: EASTERN KAZAKH, 5 OCTOBER 1975

K. J. Hill, et al

Teledyne Geotech

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23 December 1975

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SDCS-ER-75-48



SPECIAL DATA COLLECTION SYSTEM EVENT REPORT Eastern Kazakh, 5 October 1975

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December 1975

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18 SUPPLEMENTARY NOTES					
19 KEY WORDS (Continue on reverse side if necessary	and identify by block number	••)			
20 ABSTRACT (Continue on reverse side if necessary	end identify by block numbe	r)			

SDCS Event Report No. 48

Eastern Kazakh, 5 October 1975

This event report contains seismic data from the Special Data Collection System (SDCS), and other sources for the above event. Published epicenter information from seismic observations is:

	"P" Arrival	Origin Time	Latitude	Longitude	m _b	^M s
NORSAR	04:34:18.5	04:26:45	49 N	080 E	4.0	N/A
Hagfors	04:34:08.9	04:27:00	50 N	078 E		N/A

All SDCS stations were operational during this period.

No SDCS stations recorded short-period signals associated with this event. Horizontal SP channels at all SDCS sites were rotated. NORSAR recorded a short-period signal arrival and LASA data were unrecoverable.

No SDCS stations recorded long-period signals. At RK-ON the operating gain of the LP vertical channel was questionable. The horizontal channels at WH2YK were not rotated due to unknown operating gain of the LP transverse channel. The LP horizontal channels at RK-ON, FN-WV, HN-ME and CPSO were rotated. NORSAR and ALPA recorded no long period signals. LASA long-period array data were not recoverable.

Scaling factors on plots are millimicrons at 1 Hz (not corrected for instrument response) with the exception of LASA and NORSAR short-period plots. LASA SP scaling factors are millimicrons per inch. Scaling factors are not reported for NORSAR short-period.

STATION DESCRIPTION

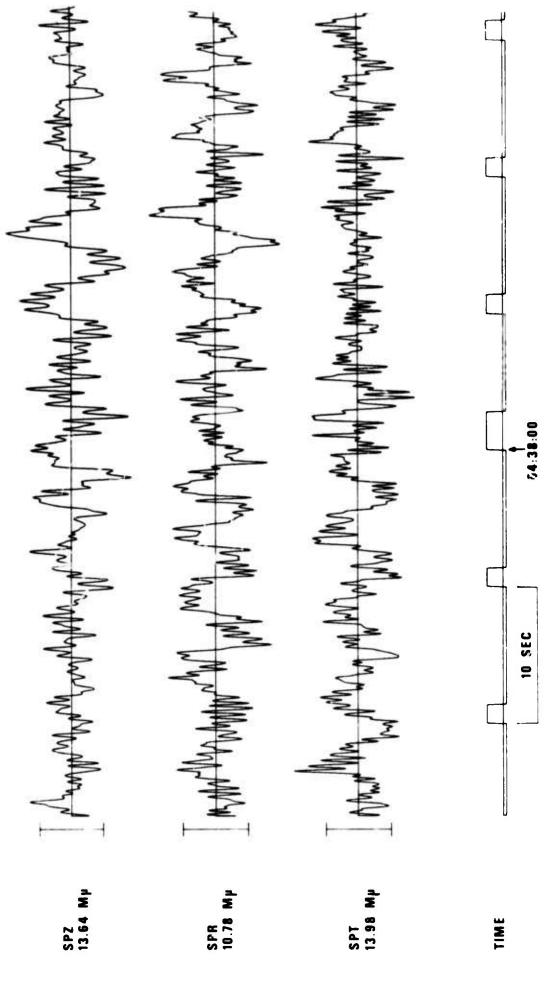
INSTRUMENTATION SHORT-PERIOD LONG-PERIOD	None 31300	6480 V SL210 V 7515 H SL220 H	KS36000 KS36000	HS10 7505A V 8700C H	18300 SL210 V SL220 H	HS10 7505A V 8700C H	18300 SL210 V SL220 H	18300 SL210 V SL220 H
ELEVATION METERS	979	574	910	744	213	379	366	853
SITE COORDINATES DEG MN SECS	65 14 00.0 N 147 44 36.0 W	35 35 41.4 N 085 34 13.5 W	38 32 58.0 N 079 30 47.0 W	46 41 19.0 N 106 13 20.0 W	46 09 43.0 N 067 59 09.0 W	60 49 25.4 N 010 49 56.5 E	50 50 20.0 N 093 40 20.0 W	60 41 41.0 N 134 58 02.0 W
LOCATION	Alaska	McMinnville, Tennessee	Franklin, West Virginia	Billings, Montana	Houlton, Maine	Kjeller, Norway	Red Lake, Ontario	White Horse, Yukon
SITE	ALPA	CPSO	FN-WV	LASA	HN-ME	NORSAR	RK-ON	WH2YK

The orientation of the radial instruments at FN-WV is assumed to be $316^{\circ} + 5^{\circ}$ based on empirical data (event recordings). Rotation, where performed, is referenced to this azimuth and may be questionable. Note:

DATA SUMMARY

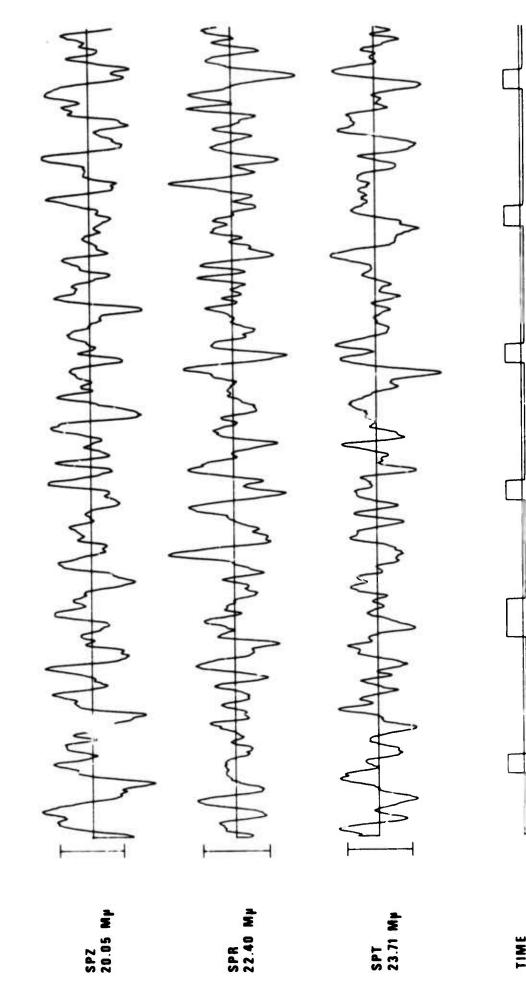
5 Oct 75

Sta.	Phase	Arrival Time	Inst.	Per	A/T	Magn m	itude M	Dist.	
NAO	EP	04:34:18.5	AB	0.5	2.2	4.0		40	•



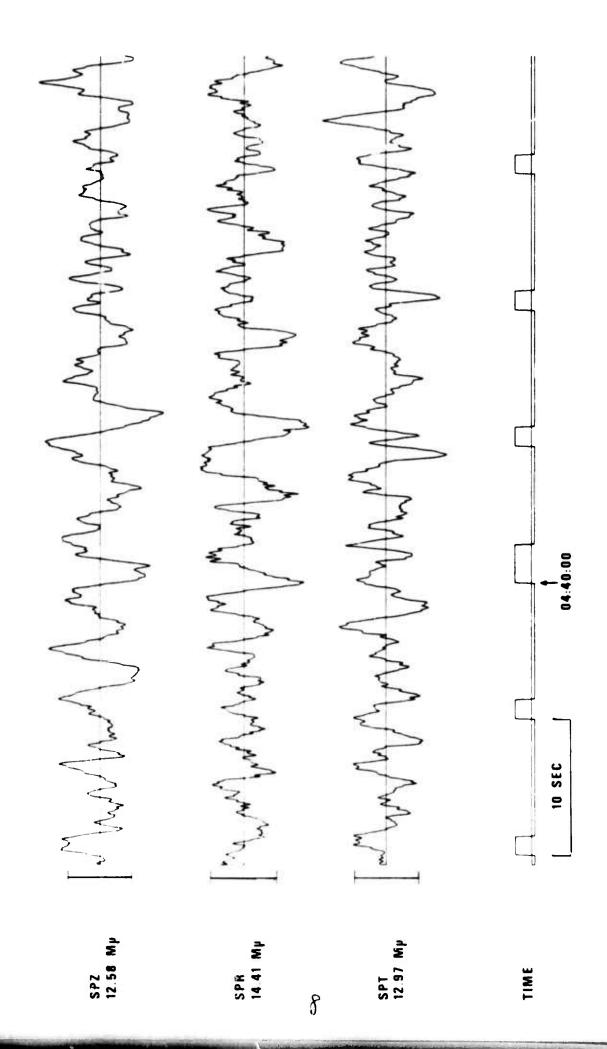
04:39:20 10 SEC RK-ON 05 OCT 75 SP2 19.14 Mp 13.45 Mp TIME SPR

HN-ME 05 OCT 75



10 SEC

FN-WV 05 0CT 75



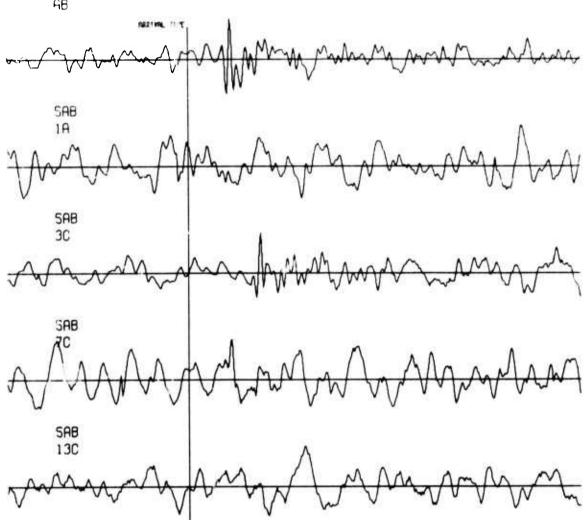
CPS9 05 0CT 75

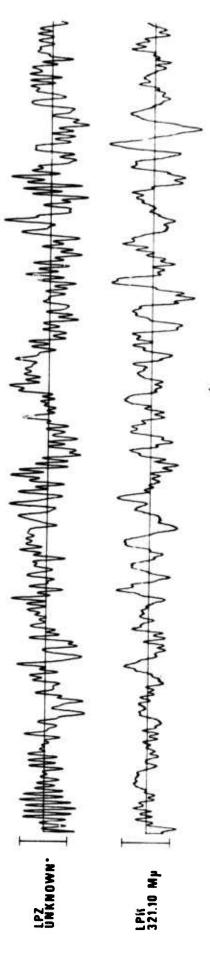
NORSAR EVENT FILE 1975 **O**CT 5

EPX NO. 81050 ARR. 4.34.14.1 48.6N 79.3E 3.9MB 33KM DIST = 39.5 AZI = 75.9 AMP = 1.1PER = 0.5

= 5 SECONDS



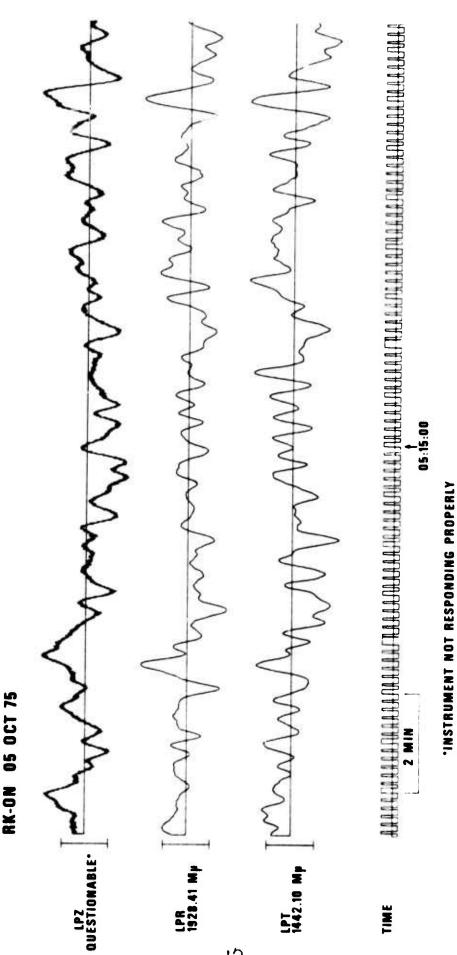




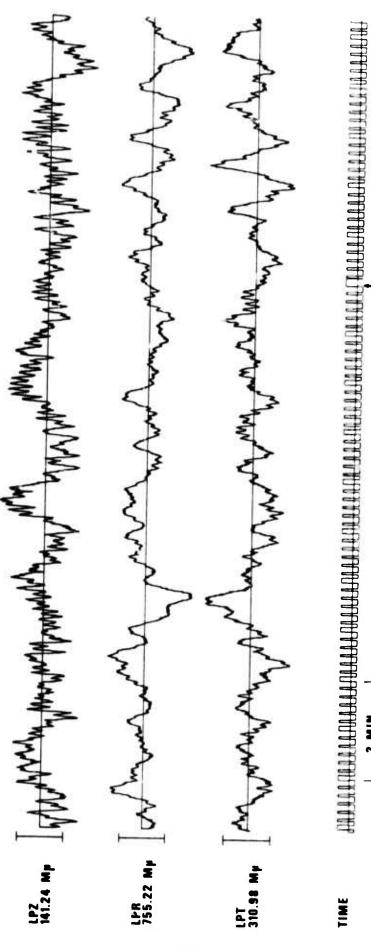
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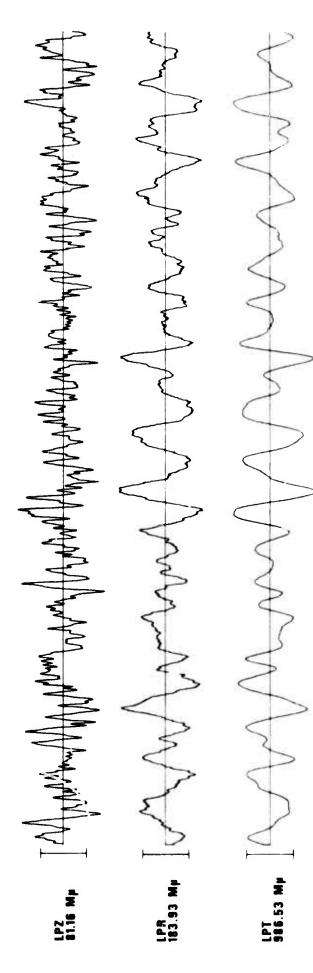
LEKNOWN - TORUND WONDERMANN WAY PAJAMANAN MOND / JUNG A JANGAN MANGON

INVALID CALIBRATION

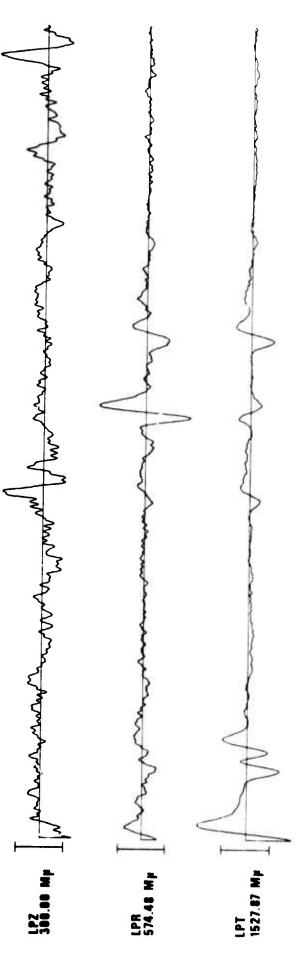








CPS0 05 0CT 75



LEGELSTANIAGOSOMER ANTERIAR TAS SOMMANDANIA GENERALIAN ANTERIA ANTERIA NO COLO MOLO MOLO MOLO MANTERIA MOLO ANTERIA MOLO 05:15:00 2 MIN TIME

ARRAY LONG PERIOD VERTICAL BEAMS 05 OCT 75



